

Form PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**LIST OF PRIOR ART  
CITED BY APPLICANT**

Atty. Docket No.

8416ZYX

Serial No.

09/249,003

Applicant

Peter J. Wilson, et al.

Filing Date

February 12, 1999

Group

1652

**U.S. PATENT DOCUMENTS**

EXAMINE R INITIAL *		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
—	AA	4,837,197	6/6/89	Oshima, et al.			
	AB						
	AC						
	AD						
	AE						
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**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

r.r.	AP	Wilson, et al. (1990) "Hunter Syndrome: Isolation of an Iduronate-2-Sulfatase cDNA and Analysis of Patient DNA." <i>Proc. Natl. Acad. Sci. USA</i> 87:8531-8535.
r.r.	AQ	Bielicki, et al. (1993) "Recombinant Human Iduronate-2-Sulphatase: Correction of Mucopolysaccharidosis - Type II Fibroblasts and Characterization of The Purified Enzyme." <i>Biochem. J.</i> 289:241-246.
z.z.	AR	Bielicki, et al. (1990) "Human liver iduronate -2-sulphatase." <i>Biochem J.</i> 271:75-86.
—	AS	<del>Nelson, et al. (1989) "Cystic fibrosis: prenatal diagnosis and carrier detection by DNA analysis." <i>Med. J. Aust.</i> 151:126-131.</del>
r.r.	AT	Stein, et al. (1989) "Cloning and Expression of Human Arylsulfatase A." <i>J. Biol. Chem.</i> 264(2):1252-1259.

EXAMINER

r.r. Wilson

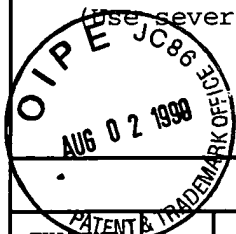
DATE CONSIDERED

12/29/99

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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R.R.	AP	Peters, et al. (1990) "Phylogenetic Conservation of Arylsulfatases." <i>J. Biol. Chem.</i> 265(6):3374-3381.
R.R.	AQ	Yen, et al. (1988) "The Human X-Linked Steroid Sulfatase Gene a Y-Encoded Pseudogene: Evidence for an Inversion of the Y Chromosome during Primate Evolution." <i>Cell</i> 55:1123-1135.
R.R.	AR	Robertson, et al. (1988) "Human Glucosamine-6-sulfatase cDNA Reveals Homology with Steroid Sulfatase." <i>Biochem. Biophys. Res. Commun.</i> 157(1):218-224.
R.R.	AS	Yen, et al. (1987) "Cloning and Expression of Steroid Sulfatase cDNA and the Frequent Occurrence of Deletions in STS Deficiency: Implications for X-Y Interchange." <i>Cell</i> 49:443-454
R.R.	AT	Stein, et al. (1989) "Cloning and Expression of Human Steroid-sulfatase." <i>J. Biol. Chem.</i> 264(23):13865-13872.

EXAMINER

R. R. Bishop

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r.e.	AP	Sasaki, et al. (1988) "cDNA cloning, nucleotide sequence and expression of the gene for arylsulfatase in the sea urchin ( <i>Hemicentros pulcherrimus</i> ) embryo." <i>Eur. J. Biochem.</i> 177:9-13.
r.e.	AQ	Anson, et al. (1992) "Correction of human mucopolysaccharidosis type VI fibroblasts with recombinant N-acetylgalactosamine-4-sulphatase." <i>Biochem J.</i> 284:289-794.
r.e.	AR	Darnell, et al. (1986) <i>Molecular Cell Biology</i> , Scientific American Books, New York, NY:957-964.
r.e.	AS	Ferrara, et al. (1987) <i>FEBS Letters</i> 226:47-52.
r.e.	AT	Kodama, et al. (1992) <i>Glycobiology</i> 2:419-427.

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N. Pongshy

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<b>LIST OF PRIOR ART CITED BY APPLICANT</b>  (Use several sheets if necessary)				Applicant Peter J. Wilson, et al.			
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—	AP	<del>Niwa, et al. (1991) Gene 100:193-200.</del>					
re:re.	AQ	Gottesman (1987) Meth. Enzymol. 151:3-8.					
—	AR	<del>Allen, et al. (1990) Meth. Enzymol. 185:421-441.</del>					
	AS						
	AT						
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